

Standard 1.1: Perform operations of addition with fractions using the clock method

Lesson: Imagine you are going to start an exercise program but you have not exercised on a regular basis. You would want to begin slowly so as not to over do it. You may decide to use the following exercise plan:

Week 1

Walk 20 minutes
Run 15 minutes
Walk 10 minutes

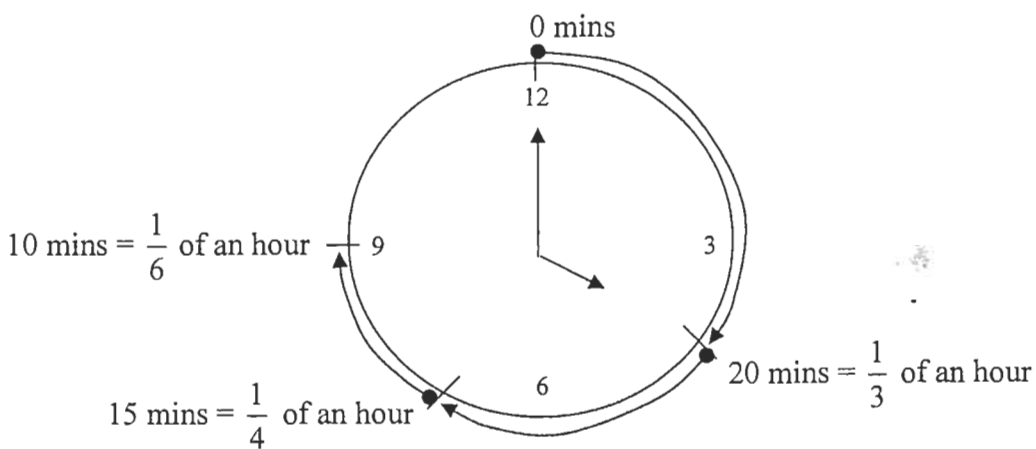
Week 2

Walk 10 minutes
Run 30 minutes
Walk 20 minutes

Week 3

Walk 10 minutes
Run 45 minutes
Walk 25 minutes

Week 1



$$\frac{1}{3} + \frac{1}{4} + \frac{1}{6} = \frac{3}{4}$$

$$\frac{20}{60} + \frac{15}{60} + \frac{10}{60} = \frac{45}{60}$$

Week 2

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{3} = 1$$

$$\frac{10}{60} + \frac{30}{60} + \frac{20}{60} = \frac{60}{60}$$

Week 3

$$\frac{1}{6} + \frac{3}{4} + \frac{5}{12} = \frac{4}{3} = 1\frac{1}{3}$$

$$\frac{10}{60} + \frac{45}{60} + \frac{25}{60} = \frac{80}{60} = 1\frac{20}{60}$$